

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

IN THE DRAWINGS

Please amend Figures 1-3, 5, 8(a)-(c), 9(a)-(e), 10(a)-(e), 11(a), 11(b), 12(a)-(e), 13, 18(a)-(c), 19(a)-(e), 20(a)-(e), 21(a), 21(b), and 22(a)-(e) as shown in the enclosed replacement sheets.

Figures 1-3 have been amended to be designated as "Prior Art."

Figures 1-3, 5, 8(a)-(c), 13, and 18(a)-(c) have been amended so as to orient the reference numbers in the same direction as the figure number (*e.g.*, "Fig. 1").

Figures 8(a)-(c), 9(a)-(e), 10(a)-(e), 11(a), 11(b), 12(a)-(e), 18(a)-(c), 19(a)-(e), 20(a)-(e), 21(a), 21(b), and 22(a)-(e) have been amended to replace the parenthetical figure number references (*e.g.*, "Fig. 8(a)") with non-parenthetical figure number references (*e.g.*, "Fig. 8A").

Applicant submits that the drawings as shown in the enclosed replacement sheets are formal. Accordingly, a separate letter to the Official Draftsperson has been enclosed.

BEST AVAILABLE COPY



REPLACEMENT SHEET

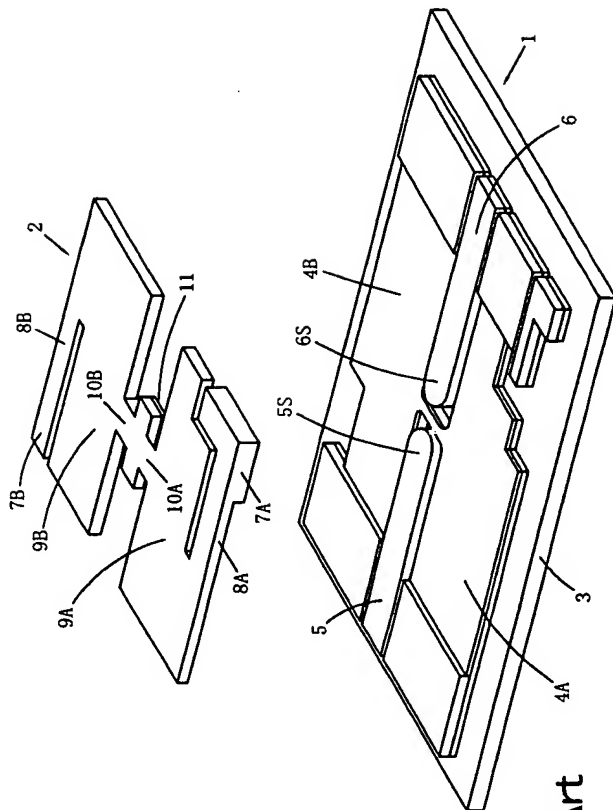


fig. 1

Prior Art



REPLACEMENT SHEET

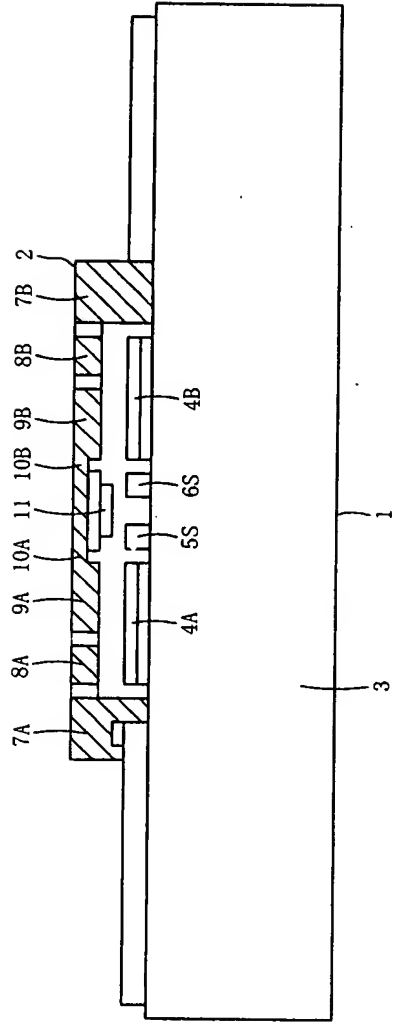
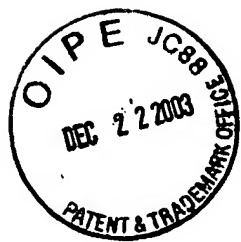
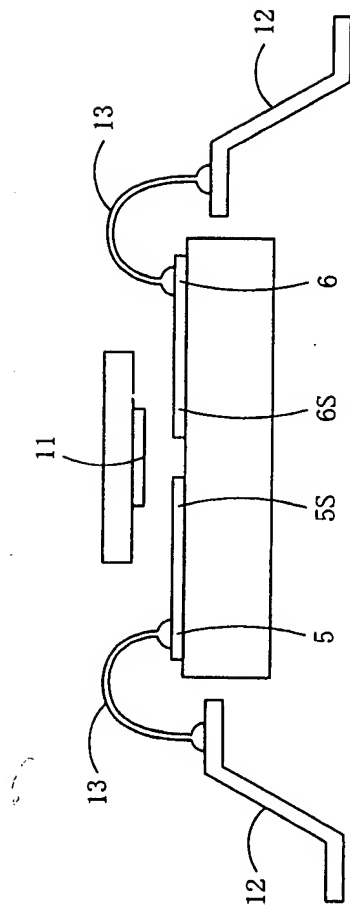


fig. 2

Prior Art



REPLACEMENT SHEET



f i g . 3

Prior Art



REPLACEMENT SHEET

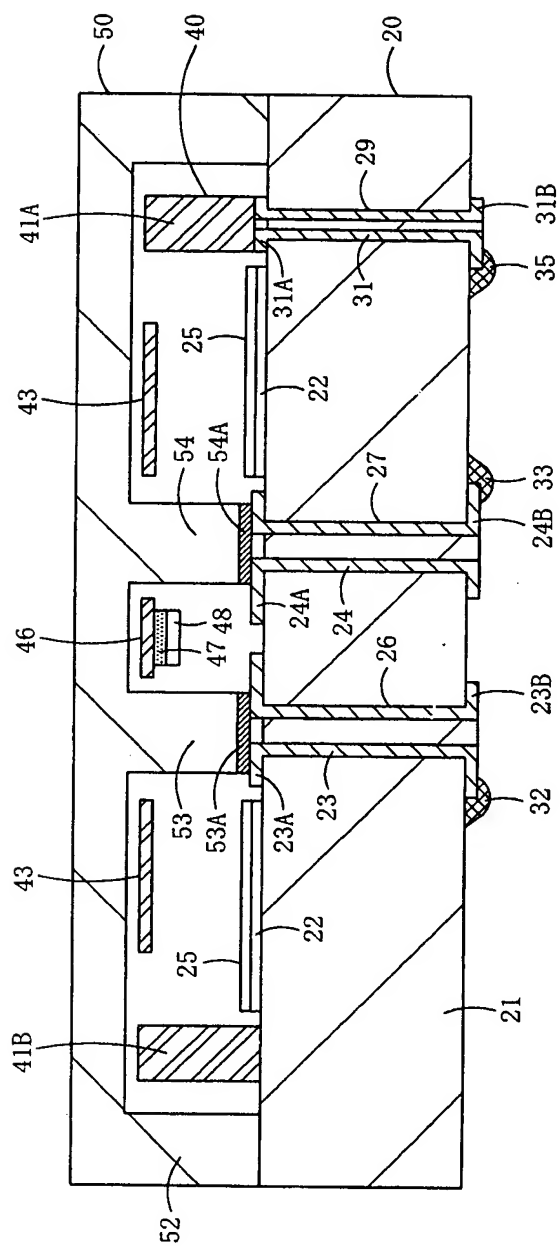


fig. 5



REPLACEMENT SHEET

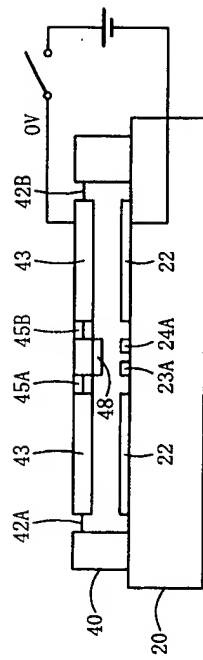


fig. 8A

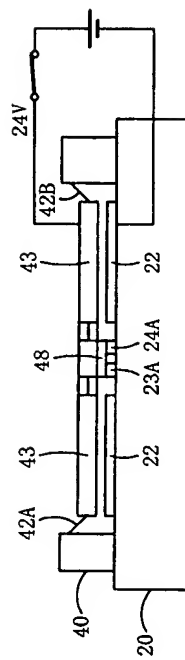


fig. 8B

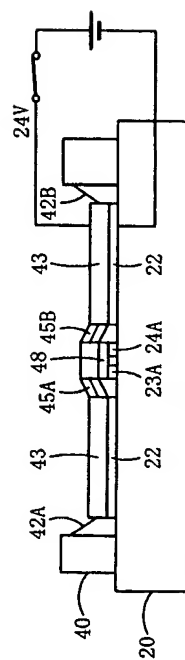
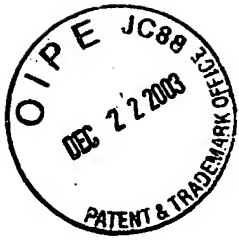
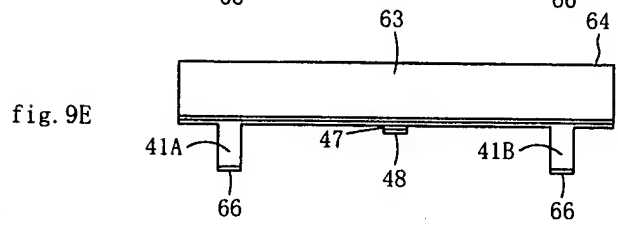
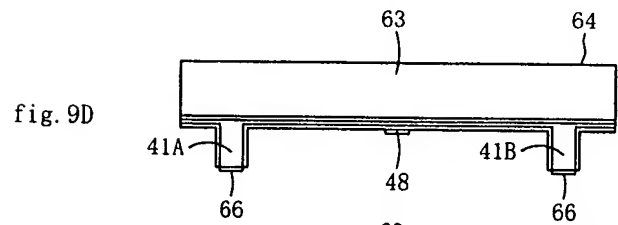
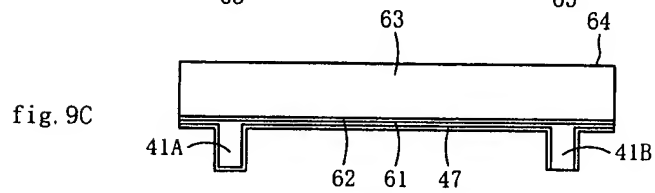
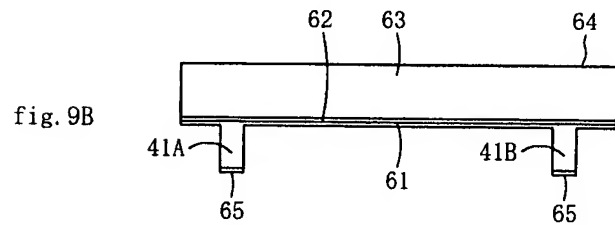
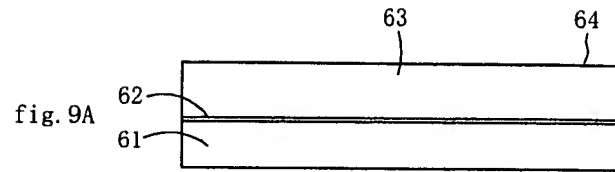
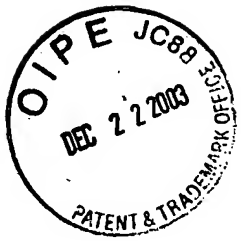


fig. 8C

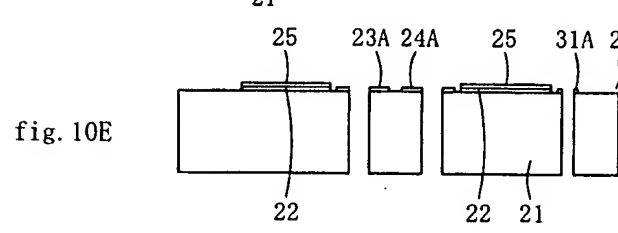
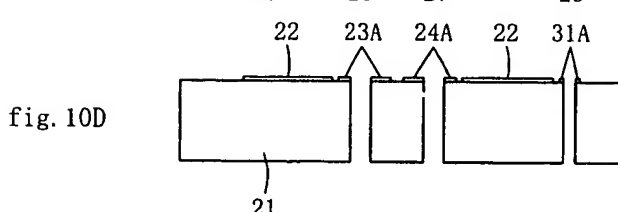
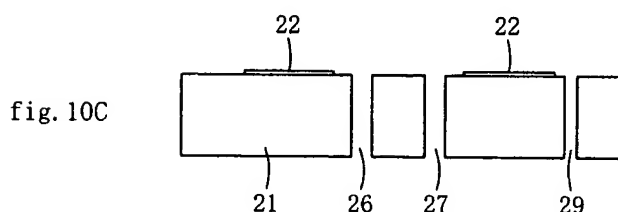
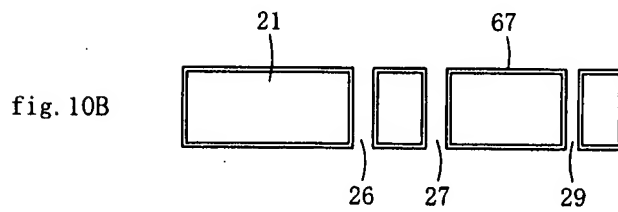
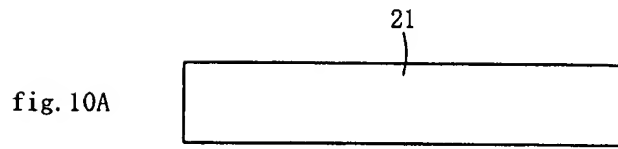


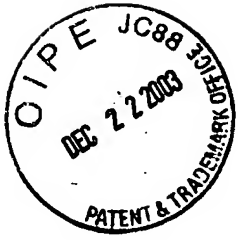
REPLACEMENT SHEET





REPLACEMENT SHEET





REPLACEMENT SHEET

fig. 11A

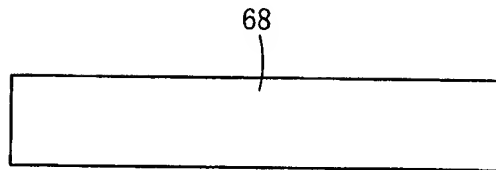
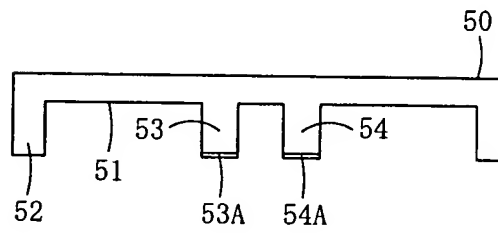
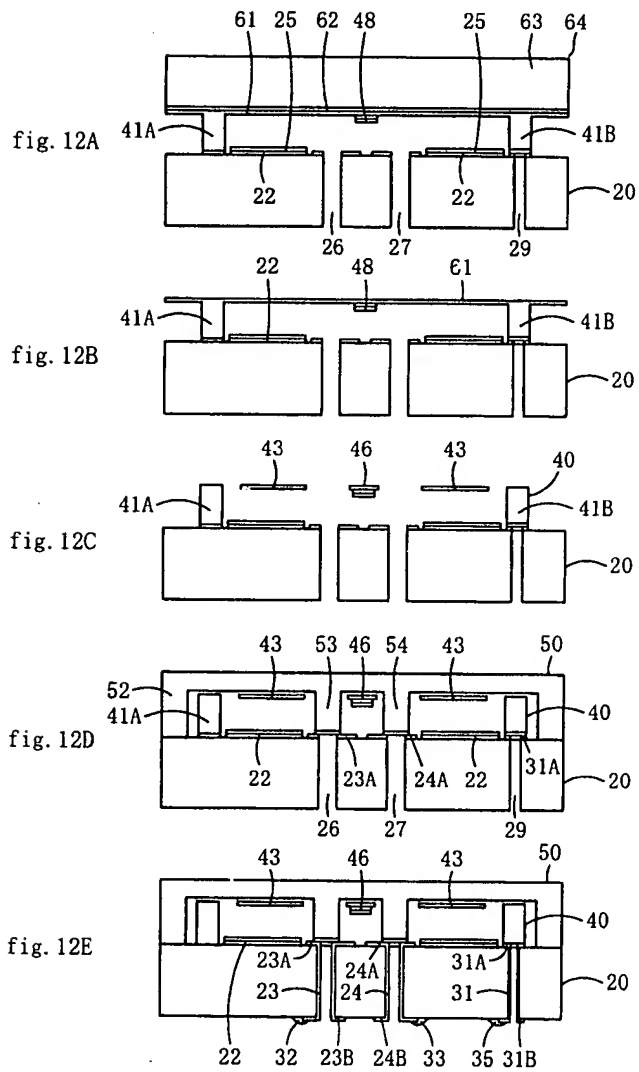


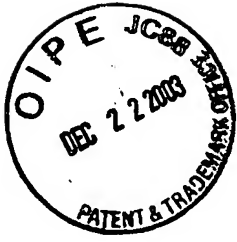
fig. 11B





REPLACEMENT SHEET





REPLACEMENT SHEET

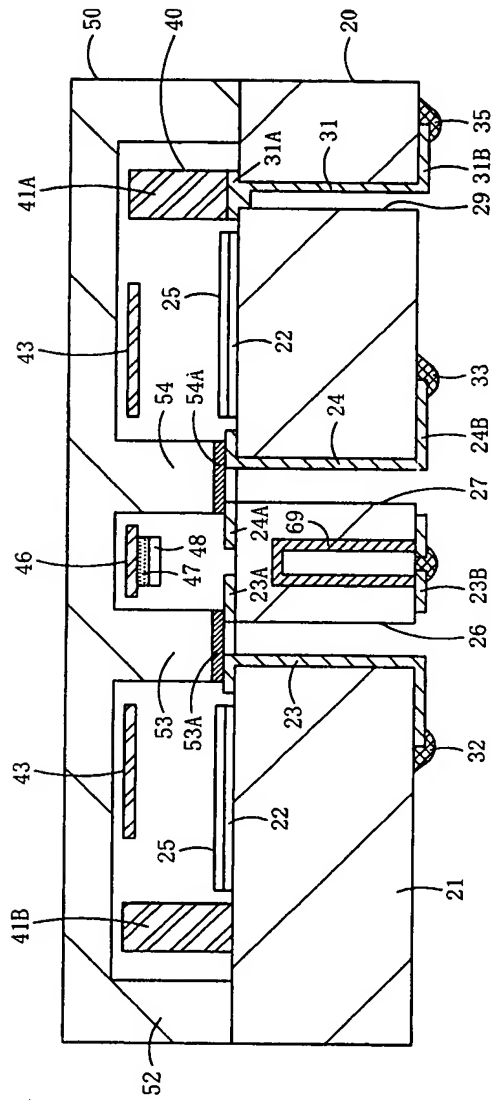
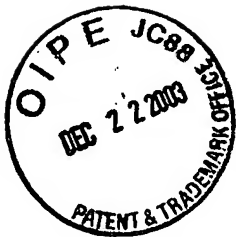


fig. 13



REPLACEMENT SHEET

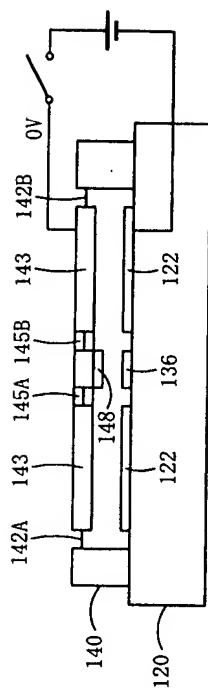


fig. 18A

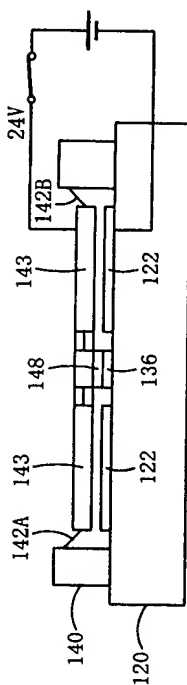


fig. 18B

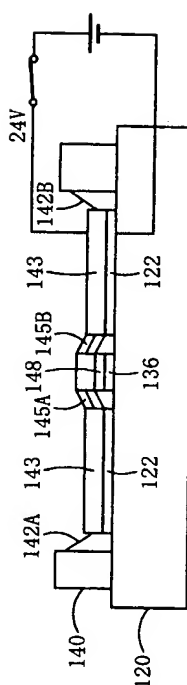
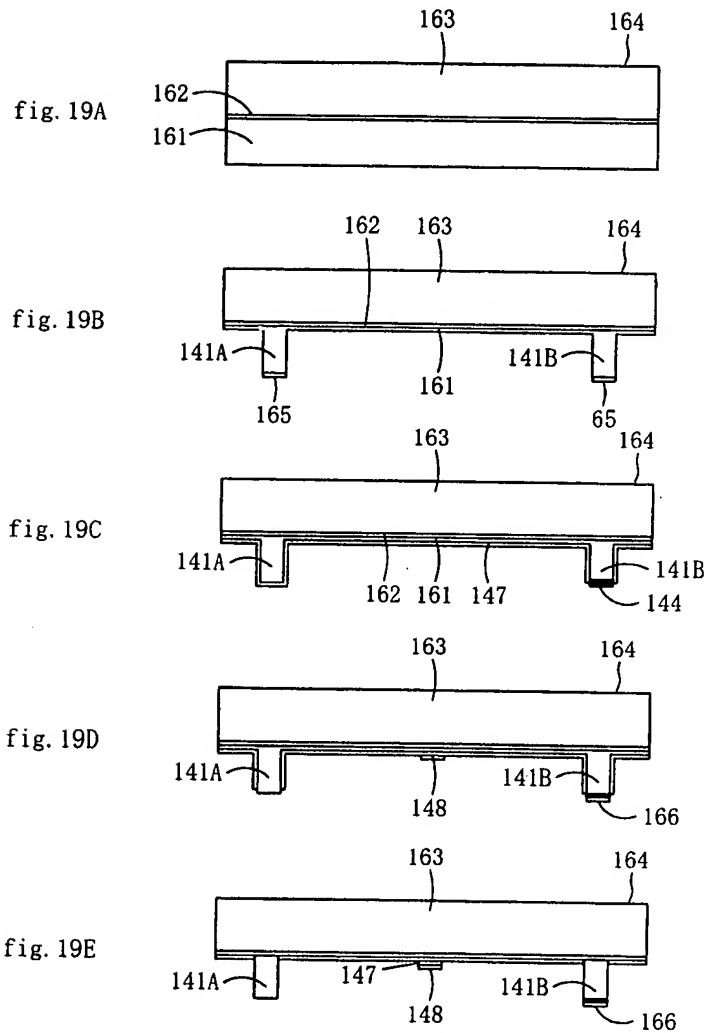


fig. 18C

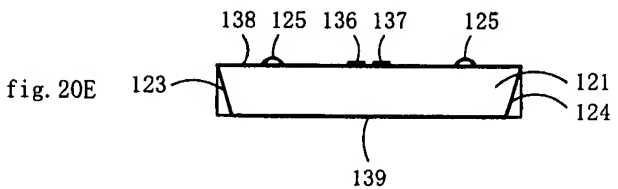
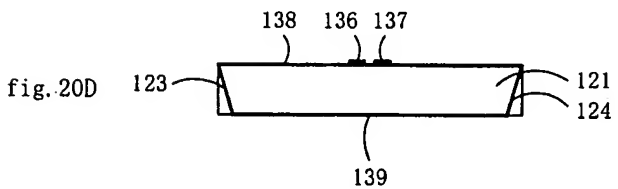
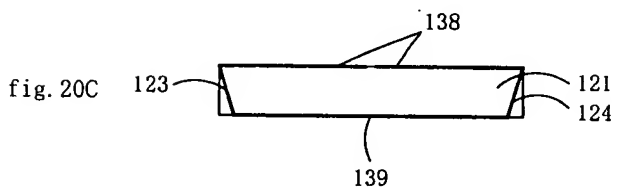
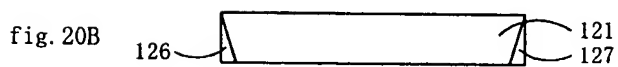
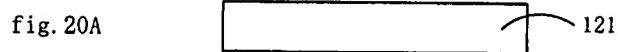


REPLACEMENT SHEET





REPLACEMENT SHEET



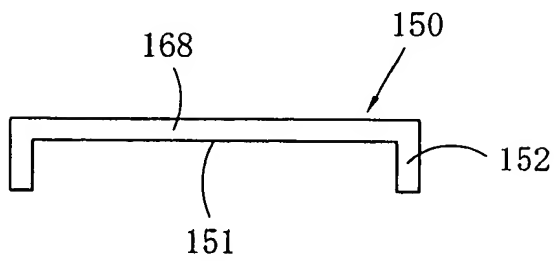


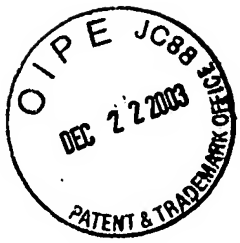
REPLACEMENT SHEET

fig. 21A



fig. 21B





REPLACEMENT SHEET

